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ATTY DOCKET NO. 60-93E	SERIAL NO. 10/762,914	FILING DATE January 21, 2004
APPLICANT Haces		GROUP 1624

## U.S. PATENT DOCUMENTS

Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>P</i>	5,866,613	03/14/00	Bergeron	514	674	
<i>P</i>	5,861,397	01/19/99	Wheeler	514	247	
	5,837,092	11/17/98	Grieves et al.	156	314	
	5,834,439	11/10/98	Haces et al.	514	42	
	5,744,335	04/28/98	Wolff et al.	435	172.3	
	5,736,392	04/07/98	Hawley-Nelson et al.	435	320.1	
	5,674,908	10/07/97	Haces et al.	514	642	
	5,635,487	06/03/97	Wolff et al.	514	44	
	5,498,522	03/12/96	Porter	435	6	
	5,334,761	08/02/94	Gebeyehu et al.	564	197	
	5,264,618	11/23/93	Felgner et al.	560	224	
	5,208,036	05/04/93	Eppstein et al.	424	450	
	5,171,678	12/15/92	Behr et al.	435	172.3	
	5,091,576	02/25/92	Bergeron	564	367	
	5,049,386	09/17/91	Eppstein et al.	424	427	
	4,967,008	10/30/90	Friedl et al.	564	512	
	4,946,787	08/07/90	Eppstein et al.	435	240.2	
	4,897,355	01/30/90	Eppstein et al.	435	240.2	
	4,143,003	03/06/79	Haas, et al.	521	129	
<i>J</i>	3,369,905	02/20/68	Jones, et al.	96	107	

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g	3,324,182	06/06/67	DeBrunner et al.	564	512	
g	2,867,665	01/06/59	Dornfeld	—	—	
g	2,654,785	10/06/53	Miescher et al.	564	295	

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes/No
g	WO94/05624	03/17/94	PCT	—	—	
g	WO93/19768	10/14/93	PCT			
	WO91/16024	31/10/91	PCT			
	WO91/15501	17/10/91	PCT			
	WO91/08191	06/13/91	PCT			
	WO91/04668	04/18/91	PCT			
	892,413	03/62	GB			
	394,111	10/24/90	EP			
	187,702	07/16/86	EP			
	290,877	06/13/91	DD			
	158,967	07/52	AU			
	WO98/14439	4/1998	PCT			
g	WO98/14439	5/1998	PCT	—	—	

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		Albarella et al. (1989), <i>Chemical Abstracts</i> , 111: 130176
g		Barthel et al. (1993), "Gene Transfer Optimization with Lipospermine-Coated DNA," <i>DNA and Cell Biology</i> , 12(6):553-560

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		Behr et al. (1989), "Efficient gene transfer into mammalian primary endocrine cells with lipopolyamine-coated DNA," <i>Proc. Natl. Acad. Sci. USA</i> , 86:6982-6986
		Budker et al. (1997), "Protein/Amphipathic Polyamine Complexes Enable Highly Efficient Transfection with Minimal Toxicity," <i>BioTechniques</i> 23(1):139-147
		Dattagupta et al. (1991), <i>Chemical Abstracts</i> , 114: 78227
		Düzgünes et al. (1989), "Fusion of Liposomes Containing A Novel Cationic Lipid, N- $\square$ 2,3-(Dioleyloxy)propyl $\square$ -N,N,N-trimethylammonium: Induction by Multivalent Anions and Asymmetric Fusion with Acidic Phospholipid Vesicles," <i>Biochemistry</i> , 28:9179-9184
		Felgner et al. (1987), "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. USA</i> , 84:7413-7417
		Garrigues et al. (1989), <i>Chemical Abstracts</i> , 111: 23282
		Hetschko, M. and Gosselck, J. (1972), "Reaktionen von Sulfoniumsalzen DES 1,3-Dithiolans and Seiner 2,2-Substitutionsprodukte," <i>Tetrahedron Let.</i> 17:1691-1692
		Knodis et al. (1994), A New Reactions of 1,1-Diamines, @ <i>Chemical Abstracts</i> , 120 (Abstract 270276)
		Loeffler, J.P. and Behr, J.P. (1993), "Gene Transfer into Primary and Established Mammalian Cell Lines with Lipopolyamine-Coated DNA," <i>Methods in Enzymology</i> , 217:599-618
		Matsuzaki et al. (1992), <i>Chemical Abstracts</i> , 117: 86723
		Weinstock et al. (1981), "Synthesis of new polyamine derivatives for cancer Chemotherapeutic studies," <i>J. of Pharm. Sci.</i> 70(8):956-959
		Zhou et al. (1991), "Lipophilic Polylysines Mediate Efficient DNA Transfection in Mammalian Cells," <i>Biochimica et Biophysica Acta</i> , 1065:8-14

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Exmr. Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	6,387,395	05/14/02	Eppstein et al.	424	450	
	6,376,248	04/23/02	Hawley-Nelson	435	458	
	6,214,804	04/10/01	Felgner	514	44	
	6,075,012	06/13/00	Gebeyehu et al.	514	44	
	6,051,429	04/18/00	Hawley-Nelson	435	458	
	6,020,202	02/01/00	Jessee	435	458	
	5,948,925	09/07/99	Keynes et al.	552	540	
	5,948,767	09/07/99	Scheule et al.	514	44	
	5,935,936	08/10/99	Fasbender et al.	514	44	
	5,908,635	06/01/99	Thierry, A.	424	450	
	5,906,922	05/25/99	Whittaker et al.	435	69.1	
	5,869,606	02/09/99	Whittaker	530	345	
	5,854,224	12/29/98	Lockett et al.	514	44	
	5,840,710	11/24/98	Lee et al.	514	44	
	5,830,878	11/03/98	Gorman et al.	514	44	
	5,830,430	11/03/98	Unger et al.	424	1.21	
	5,827,703	10/27/98	Debs et al.	435	172.3	
	5,795,587	08/18/98	Gao et al.	424	450	
	5,785,992	07/28/98	Ansell et al.	424	450	
	5,783,565	07/21/98	Lee et al.	514	44	
	5,780,053	07/14/98	Ashley et al.	424	450	
	5,753,613	05/19/98	Ansell et al.	514	2	
	5,744,335	04/28/98	Wolff et al.	435	172.3	
	5,719,131	02/17/98	Harris et al.	514	44	
	5,703,055	12/30/97	Felgner et al.	514	44	
	5,650,096	07/22/97	Harris et al.	252	357	
	5,627,159	05/06/97	Shih et al.	514	44	
	5,595,897	01/21/97	Midoux et al.	435	172.3	
	5,589,466	12/31/96	Felgner et al.	514	44	
	5,583,198	12/10/96	Whittaker	530	345	
	5,578,475	11/26/96	Jessee	435	172.3	
	5,550,289	08/27/96	Eppstein et al.	564	293	
	5,545,412	08/13/96	Eppstein et al.	424	450	
	5,459,127	10/17/95	Felgner et al.	514	7	
	5,455,335	10/03/95	Kahne et al.	536	5	
	5,283,185	02/01/94	Epand et al.	435	172.3	
	5,279,833	01/18/94	Rose	424	450	

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4,235,871	11/25/80	Papahadjopoulos	424	19	
3,152,188	10/06/64	Kirkpatrick et al.	250	584	
2,901,461	08/25/59	Auerbach et al.	260	47	
20030069173	04/10/03	Hawley-Nelson	514	8	
20020086849	07/04/02	Gebeyehu et al.	514	44	
200220077305	06/20/02	Jessee et al.	514	44	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes/No
WO 02/34879	05/02/02	PCT	C12N		
WO 00/58488	10/05/00	PCT	C12N 15/87		
WO 00/27795	05/18/00	PCT	C07C 211/64		
WO 99/29712	06/17/99	PCT	C07K 5/02		
WO 99/02190	01/21/99	PCT	A61K 48/00		
WO 98/40502	09/17/98	PCT	C12N 15/64		
WO 98/29541	07/09/98	PCT	C12N 15/00		
WO 98/02190	01/22/98	PCT	A61K 47/48		
WO 97/42819	11/20/97	PCT	A01N 37/18		
WO 96/40961	12/19/96	PCT	C12N 15/88		
WO 95/02698	12/08/94	PCT	A01N 25/26		
WO 94/27435	12/08/94	PCT	A01N 25/26		
WO 91/17424	11/14/91	PCT	G01N 21/00		
WO 90/11092	10/04/90	PCT	A61K 48/00		
0/846 680 A1	06/10/98	EP	C07C 279/12		
1,567,214	05/16/69	FR	C11D		

## OTHER PRIOR ART (including Author, Title, Date, Pertinent Pages, etc.)








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		Kaneda, Y. et al. (1989), "Increased Expression of DNA Cointroduced with Nuclear Protein in Adult Rat Liver," Science 243:375-378
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		Neckers, L.M. (May 1993), "Cellular Internalization of Oligodeoxynucleotides," in Antisense Research and Applications, Crooke, S.T. and Leblue, B., eds., CRC Press, LLC, Boca Raton, FL, pp. 451-460
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		(Jan. 1993) Sigma Catalog, pp. 1028-1034

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